



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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July 6, 1987

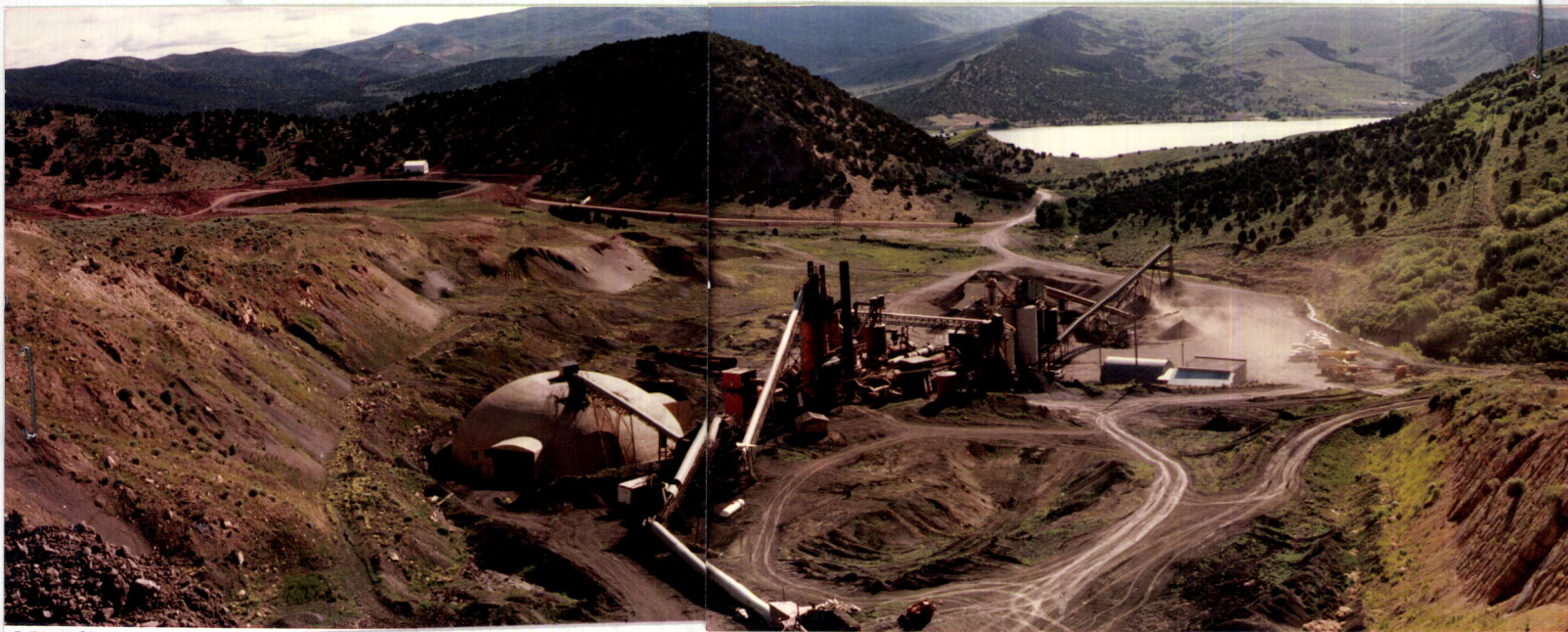
TO: File

FROM: Frank Jensen, Soils Reclamation Specialist *Frank Jensen*

RE: ACT/043/004 - Utelite Corporation

On June 22, 1987 Frank Filas and I visited the subject mine to work on permitting matters with Carsten Mortensen and Slim Garrick.

Photos and reclamation recommendations follow:



Utelite Mine - from above - June 22, 1987. Summit County landfill is on the left side of the photo - Rockport Reservoir in the background. The landfill will eventually spread to the existing mine.

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Utelite Mine - from below - July 22, 1987.



Photo showing the very good soil material for reclamation. Also note the Canada thistles in the foreground. They are capable of completely taking over all of the disturbed area of the mine.

Vegetative ground cover in the undisturbed areas is about 30 percent. Precipitation in this area is estimated to be 15-20 inches per year.

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Native Vegetation

The native vegetation growing on the site includes the following species:

- Bluebunch wheatgrass
- Indian ricegrass
- Birchleaf mt. mahogany
- Bitterbrush
- Big sagebrush
- Rabbitbrush
- Snowberry

Seed Mix

A suggested seed mix follows:

| <u>Species</u> | <u>Pounds</u> |
|-------------------------|---------------------|
| Indian ricegrass | 2 |
| Smooth brome grass | 8 |
| Rabbitbrush | 2 |
| Big sagebrush | 2 |
| Intermediate wheatgrass | 2 |
| Bluebunch wheatgrass | 2 |
| Alfalfa (dryland) | 2 |
| | <u>20 lbs./acre</u> |

Seeding

One to two feet of good soil material should be put on top - it should then be ripped six inches deep where possible. The area should then be broadcast seeded, and the seed harrowed or raked in 1/4 to 1/2 inch. Then the area should be broadcast fertilized with 200 lbs./acre of diammonium phosphate 18-46-0.

Other Items

Canada Thistles

The Canada thistles should be sprayed. Spraying with 2,4-D and Banvel or Tordon at label recommendations will kill most of them - but it will take repeated treatments.

Stream

The stream channel on the south side should be kept clean and free flowing. It is suggested that the fill material against it be pulled back to a gentle angle of repose, topsoiled, and seeded. A berm above it would keep out any more material from entering it.